

## ABSTRACT

A detectable warning system, for tactily signaling the presence of a terrain transition to a pedestrian, using a plurality of detectable warning domes that are arranged in a grid within a detectable warning carrier assembly. The detectable warning carrier assembly comprises a top layer and base layer of thermoplastic material with heat resistant detectable warning domes therebetween. The base layer is heated and adhered to a pavement surface. The detectable warning domes protrude from the pavement surface in an evenly spaced pattern that is detectable by the pedestrian using a cane or other guidance instrument.